

CLAIMS

1. (Previously Presented) A method of adjusting an IMD, comprising:
 - implanting a lead having an electrode in contact with a sensed medium wherein electrical activity in the sensed medium is sensed by the electrode and representative signals are provided via the lead to the IMD and variations in an electrode-medium interface affect the representative signal;
 - determining the effectiveness of selected parameters for a sense amplifier located within the IMD to account for variations in the representative signal generated by variations in the electrode-medium interface; and
 - adjusting the selected parameters.
2. (Previously Presented) A method of adjusting an IMD, comprising:
 - implanting a lead;
 - determining the effectiveness of selected parameters for a sense amplifier located within the IMD; and
 - adjusting the selected parameters, wherein determining the effectiveness includes performing a Fast Fourier Transform of selected data received within the IMD so that the sense amplifier can be adjusted to only include desired events within a given frequency and gain range.
3. (Original) The method of claim 1 wherein determining the effectiveness includes the use of a wavelet or morphology recognition algorithm on the selected data received within the IMD so that the sense amplifier can be adjusted to only include desired events within a given frequency and gain range.
4. - 6. (Canceled)